

ABSTRACT OF THE DISCLOSURE

A method of authenticating a mobile node to a communication system is provided, the communication system comprising a plurality of access nodes, the method comprising the steps of (a) generating a numerical chain comprising a series of values using a one-way coding function such that a given value within the chain is easily obtainable from a subsequent value, but the subsequent value is not easily obtainable from that given value; (b) sending a value from the first numerical chain from the mobile node to an access node to which the mobile node wishes to attach; and (c) using the sent value at the access node to authenticate the mobile node.

AMENDMENTS TO THE ABSTRACT

Please insert the Abstract of the Disclosure which is on the attached sheet.